

About IEEE | IEEE Memberships | Products and Services | Conferences | IEEE Organizations | News | Home

**IEEE Xplore**™

Search

Help FAQ Terms Technical Update

Welcome to IEEE Xplore®

- Home
- Log-out

**Tables of Contents**

- Journals & Magazines
- Conference Proceedings
- Standards

**Search**

- By Author
- Basic
- Advanced

**Member Services**

- Join IEEE
- Establish IEEE Web Account

Your search matched **4** of **649586** documents.Results are shown **25** to a page, sorted by **publication year** in **descending** order.

You may refine your search by editing the current search expression or entering a new one the t

Then click **Search Again**.

(artifact\* &lt;sentence&gt; (encod\* &lt;or&gt; compress\*)) &lt;sentence&gt; ((remov\* &lt;or&gt; reduc\*) &lt;se

**Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Blocking artifacts reduction in image compression with block bound discontinuity criterion***Byeungwoo Jeon; Jechang Jeong*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 8

June 1998

Page(s): 345 -357

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)**2 A novel approach for reduction of blocking effects in low-bit-rate image compression***Zhou Wang; Dapeng Zhang*

Communications, IEEE Transactions on , Volume: 46 Issue: 6 , June 1998

Page(s): 732 -734

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)**3 Measuring defects in images restored using DCT prediction approach***Lakhani, G.; Zhong, N.*

Computer-Based Medical Systems, 1998. Proceedings. 11th IEEE Symposium

Page(s): 175 -180

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**4 Use of a class of two-dimensional functions for blocking artifacts reduction in image coding***Jechang Jeong; Byeungwoo Jeon*

Image Processing, 1995. Proceedings., International Conference on , Volume

Page(s): 478 -481 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#)  
[Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Establish a Web Account](#)

**Copyright © 2000 IEEE -- All rights reserved**

About IEEE | IEEE Memberships | Products and Services | Conferences | IEEE Organizations | News | Home

**IEEE Xplore**™

Search

Help FAQ Terms Technical Update

## Welcome to IEEE Xplore

- Home
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account

Your search matched **40** of **649168** documents.

Results are shown **25** to a page, sorted by **publication year** in **descending** order.

You may refine your search by editing the current search expression or entering a new one the t

Then click **Search Again**.

(artifact\* <sentence> (encod\* <or> compress\*)) <sentence> ((remov\* <or> reduc\*) <se

**Results:**

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

**1 Reduction of blocking artifacts for low bit-rate video coding using regularized dequantization**

*Song, S.M.-H.; Lee, G.; Sull, S.; Ko, S.-J.*

Multimedia and Expo, 2000. ICME 2000. 2000 IEEE International Conference

Volume: 1 , 2000

Page(s): 63 -66 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

**2 An efficient loop/post filter to reduce annoying artifacts of H.26L vi**

*Min-Cheol Hong*

Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers. Internat Conference on , 2000

Page(s): 240 -241

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

**3 A Bayesian approach for the estimation and transmission of regular parameters for reducing blocking artifacts**

*Mateos, J.; Katsaggelos, A.K.; Molina, R.*

Image Processing, IEEE Transactions on , Volume: 9 Issue: 7 , July 2000

Page(s): 1200 -1215

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **JNL**

**4 An efficient real time algorithm to simultaneously reduce blocking a ringing artifacts of compressed video**

*Min-Cheol Hong; Chang Mo Yon; Young Man Park*

Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference

Volume: 2 , 1999

Page(s): 899 -903 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

**5 Removal of blocking artifacts using random pattern filtering***Barzykina, E.; Ward, R.K.*

Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference

Volume: 2 , 1999

Page(s): 904 -908 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**6 Nonlinear filters for multimedia applications***Watabe, H.; Arakawa, Y.; Arakawa, K.*

Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference

Volume: 3 , 1999

Page(s): 174 -178 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**7 Maximum video compression using AC-coefficient prediction***Muzaffar, T.; Tae Sun Choi*

TENCON 99. Proceedings of the IEEE Region 10 Conference , Volume: 1 , 199

Page(s): 581 -584 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**8 Fast compression artifact reduction technique based on nonlinear fi***Mei-Yin Shen; JongWon Kim; Jay Kuo, C.-C.*Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE Interna  
Symposium on , Volume: 4 , 1999

Page(s): 179 -182 vol.4

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**9 Removal of blocking and ringing artifacts using transform domain d***Eginzarian, K.; Helsingius, M.; Kuosmanen, P.; Astola, J.*Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE Interna  
Symposium on , Volume: 4 , 1999

Page(s): 139 -142 vol.4

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**10 Reduction of blocking artifacts in image and video coding***Meier, T.; Ngan, K.N.; Crebbin, G.*Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 9  
April 1999

Page(s): 490 -500

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)**11 A postprocessing method for reducing quantization effects in low b**

**moving picture coding**

*Hyun Wook Park; Yung Lyul Lee*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 9

Feb. 1999

Page(s): 161 -171

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)

---

**12 Blocking effect removal using regularization and dithering**

*Seungjoon Yang; Yu-Hen Hu*

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference

Volume: 1 , 1998

Page(s): 415 -419 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**13 Reduction of blocking artifacts in block transformed compressed co images**

*Mateos, J.; Ilia, C.; Jimenez, B.; Molina, R.; Katsaggelos, A.K.*

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference

Volume: 1 , 1998

Page(s): 401 -405 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**14 Measuring defects in images restored using DCT prediction approa**

*Lakhani, G.; Zhong, N.*

Computer-Based Medical Systems, 1998. Proceedings. 11th IEEE Symposium

Page(s): 175 -180

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**15 Set theoretic compression with an application to image coding**

*Thao, N.T.; Vetterli, M.*

Image Processing, IEEE Transactions on , Volume: 7 Issue: 7 , July 1998

Page(s): 1051 -1056

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)

---

**16 Blocking artifacts reduction in image compression with block bound discontinuity criterion**

*Byeungwoo Jeon; Jechang Jeong*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 8

June 1998

Page(s): 345 -357

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)

---

**17 A novel approach for reduction of blocking effects in low-bit-rate i compression***Zhou Wang; Dapeng Zhang*

Communications, IEEE Transactions on , Volume: 46 Issue: 6 , June 1998

Page(s): 732 -734

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)**18 Estimating and transmitting regularization parameters for reducing blocking artifacts***Mateos, J.; Molina, R.; Katsaggelos, A.K.*

Digital Signal Processing Proceedings, 1997. DSP 97., 1997 13th International Conference on , Volume: 1 , 1997

Page(s): 209 -212 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**19 Adaptive constrained least squares restoration for removal of bloc artifacts in low bit rate video coding***Kaup, A.*

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on , Volume: 4 , 1997

Page(s): 2913 -2916 vol.4

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**20 Removal of compression artifacts using projections onto convex se line process modeling***Yongyi Yang; Galatsanos, N.P.*

Image Processing, IEEE Transactions on , Volume: 6 Issue: 10 , Oct. 1997

Page(s): 1345 -1357

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)**21 Reducing blocking artifacts within vector quantization algorithms***Robers, M.A.; Katsaggelos, A.K.*

Consumer Electronics, IEEE Transactions on , Volume: 43 Issue: 4 , Nov. 199

Page(s): 1118 -1123

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)**22 A fast adaptive image restoration filter for reducing block artifact i compressed images***Yoo Chan Choung; Joon Ki Paik*

Consumer Electronics, IEEE Transactions on , Volume: 43 Issue: 4 , Nov. 199

Page(s): 1340 -1346

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)

**23 Blocking artifacts reduction using discrete cosine transform***Kasezawa, T.*

Consumer Electronics, IEEE Transactions on , Volume: 43 Issue: 1 , Feb. 199

Page(s): 48 -55

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)**24 Dynamic video coding-an overview***Reusens, E.; Castagno, R.; Le Buhan, C.; Piron, L.; Ebrahimi, T.; Kunt, M.*

Image Processing, 1996. Proceedings., International Conference on , Volume

Page(s): 377 -380 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)**25 Reducing artifacts in JPEG decompression by segmentation and sm***Zhigang Fan; Fu Li*

Image Processing, 1996. Proceedings., International Conference on , Volume

Page(s): 17 -20 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)[1](#) [2](#) [\[Next\]](#)[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#)[Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Establish a Web Account](#)**Copyright © 2000 IEEE -- All rights reserved**

[About IEEE](#) | [IEEE Memberships](#) | [Products and Services](#) | [Conferences](#) | [IEEE Organizations](#) | [News](#) | [Home](#)

Search

[Help](#) [FAQ](#) [Terms](#) [Technical Update](#)

## Welcome to IEEE Xplore

- Home
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account

Your search matched **40** of **649168** documents.Results are shown **25** to a page, sorted by **publication year** in **descending** order.

You may refine your search by editing the current search expression or entering a new one the top right.

Then click **Search Again**.

(artifact\* &lt;sentence&gt; (encod\* &lt;or&gt; compress\*)) &lt;sentence&gt; ((remov\* &lt;or&gt; reduc\*) &lt;se

## Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****26 Signal adaptive postprocessing for blocking effects reduction in JP***Kim, H.C.; Park, H.W.*Image Processing, 1996. Proceedings., International Conference on , Volume  
Page(s): 41 -44 vol.2[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****27 Bit rate and blocking artifact reduction by iterative pre-distortion***Yiu-Hung Fok; Au, O.C.; Chang, C.*Image Processing, 1996. Proceedings., International Conference on , Volume  
Page(s): 13 -16 vol.2[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****28 Postprocessing to reduce blocking artifacts for low bit-rate video coding using chrominance information***Webb, J.L.H.*Image Processing, 1996. Proceedings., International Conference on , Volume  
Page(s): 9 -12 vol.2[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****29 Application of inhomogeneous diffusion to image and video coding***Ford, G.E.*

Signals, Systems and Computers, 1996. Conference Record of the Thirtieth Asilomar Conference on , 1997

Page(s): 926 -930 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****30 Projection-based eigenvector decomposition for reduction of block artifacts of DCT coded image***Kook Yeon Kwak; Haddad, R.A.*

Image Processing, 1995. Proceedings., International Conference on , Volume

Page(s): 527 -530 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**31 Use of a class of two-dimensional functions for blocking artifacts reduction in image coding**

*Jechang Jeong; Byeungwoo Jeon*

Image Processing, 1995. Proceedings., International Conference on , Volume

Page(s): 478 -481 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**32 Nonlinear constrained least squares estimation to reduce artifacts transform-coded images**

*Crouse, M.; Ramchandran, K.*

Image Processing, 1995. Proceedings., International Conference on , Volume

Page(s): 462 -465 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**33 Removal of blocking artifacts of DCT transform by classified space-frequency filtering**

*Yung-Kai Lai; Jin Li; Kuo, C.-C.J.*

Signals, Systems and Computers, 1995. Conference Record of the Twenty-Ni

Asilomar Conference on , Volume: 2 , 1996

Page(s): 1457 -1461 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**34 Blocking artifacts reduction for image compression algorithms**

*El-Sharkawy, M.; Sharma, N.; Gundrum, H.*

Circuits and Systems, 1995., Proceedings., Proceedings of the 38th Midwest Symposium on , Volume: 2 , 1996

Page(s): 850 -853 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**35 A study of convex coders with an application to image coding**

*Asai, K.; Thao, N.T.; Vetterli, M.*

Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE International Conference on , Volume: v , 1994

Page(s): V/581 -V/584 vol.5

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**36 Regularized reconstruction to reduce blocking artifacts of block discrete cosine transform compressed images**

*Yongyi Yang; Galatsanos, N.P.; Katsaggelos, A.K.*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 3

Dec. 1993  
Page(s): 421 -432

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)

---

**37 Multi-hypothesis motion compensation for low bit-rate video codin**

*Sullivan, G.*

Acoustics, Speech, and Signal Processing, 1993. ICASSP-93., 1993 IEEE Inte Conference on , Volume: 5 , 1993

Page(s): 437 -440 vol.5

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**38 Iterative projection algorithms for removing the blocking artifacts block-DCT compressed images**

*Yang, Y.; Galatsanos, N.P.; Katsaggelos, A.K.*

Acoustics, Speech, and Signal Processing, 1993. ICASSP-93., 1993 IEEE Inte Conference on , Volume: 5 , 1993

Page(s): 405 -408 vol.5

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**39 Analysis/synthesis imaging coding system based on time domain a cancellation**

*Reynolds, D.A.; Smith, M.J.T.*

Southeastcon '89. Proceedings. Energy and Information Technologies in the S IEEE , 1989

Page(s): 866 -871 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

**40 A finite state/frame difference interpolative vector quantizer for lo image sequence coding**

*Shen, H.-H.; Baker, R.L.*

Acoustics, Speech, and Signal Processing, 1988. ICASSP-88., 1988 Internatio Conference on , 1988

Page(s): 1188 -1191 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

---

[\[Prev\]](#) [1](#) [2](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#)  
[Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Establish a Web Account](#)

Copyright © 2000 IEEE -- All rights reserved

L1: (0) (artifact\$ same (cod\$4 or encod\$4)) and (DCT same offset same mode)  
 L2: (15) (artifact\$ same (cod\$4 or encod\$4)) and (DCT same offset)  
 L3: (2101) (artifact\$4 same (cod\$4 or encod\$4))  
 L4: (96797) kim .in.  
 L5: (29) 3 and 4  
 L6: (132190) remov\$ same (pixel\$ or block\$ or subblock\$)  
 L7: (355) 3 and 6  
 L8: (4) 7 and 4  
 L9: (48564) 348/\$  
 L10: (36899) 382/\$  
 L11: (144) 7 and 9  
 L12: (124) 7 and 10  
 L13: (87) 11 and 12  
 L14: (20758) replac\$ same mode  
 L15: (3) 13 and 14  
 Failed  
 Saved  
 (23) ((DCT SAME (INVERS\$ NEAR SCAN\$)) SAME (BUFFER\$ OR MEMOR\$))  
 (884) ((MOTION SAME DETECT\$) AND (BACKGROUND SAME (JUDG\$ OR CHANG\$)))  
 (21423) (CORRELAT\$ SAME CALCULAT\$)  
 (196) ((MOTION SAME BACKGROUND) SAME (JUDG\$ OR CHANG\$) SAME DETECT\$)

13 and  
14

	U	I	Document	Issue	Pag	Title	Current	Current	Retrie	Inventor	S	C	P	2	3	4
1	r	r	US 57402	199804	81	Digital video co	382/248	382/251		Meeker, G. Wi	r	r	r	r	r	r
2	r	r	US 60289	200002	8	Method of reduci	382/268			Kim, Hyun Mun	r	r	r	r	r	r
3	r	r	US 60408	200003	7	Method for decod	375/240	375/240		Park, Dong se	r	r	r	r	r	r

Ready